

WEST Search History

DATE: Friday, June 13, 2003

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
	side by side		result set
<i>DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ</i>			
L1	electrode near10 (polymer or polymeric)	25660	L1
L2	(membrane or diaphragm or separator or filter) near10 (paper or cellulose or cellulosic)	72047	L2
L3	11 same L2	163	L3
L4	L3 and (cell or battery or capacitor)	139	L4
L5	L4 and (204/\$cccls: or 429/\$cccls:)	77	L5
L6	L2 with (mat\$3 or mesh)	3278	L6
L7	L2 with (mat\$3 or mesh\$2)	3299	L7
L8	L1 same L7	13	L8
L9	L8 and (cell or battery or capacitor)	13	L9
L10	L2 with (mat or matted or mesh or meshed)	1712	L10
L11	11 same L10	7	L11

END OF SEARCH HISTORY

WEST**Search Results - Record(s) 1 through 7 of 7 returned.**

1. Document ID: US 20030062257 A1

L11: Entry 1 of 7

File: PGPB

Apr 3, 2003

PGPUB-DOCUMENT-NUMBER: 20030062257

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030062257 A1

TITLE: Electrochemical cell comprising lamination of electrode and paper separator members

PUBLICATION-DATE: April 3, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Gozdz, Antoni S.	Ocean Township	NJ	US	

US-CL-CURRENT: 204/252; 204/295

2. Document ID: US 20030035982 A1

L11: Entry 2 of 7

File: PGPB

Feb 20, 2003

PGPUB-DOCUMENT-NUMBER: 20030035982

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030035982 A1

TITLE: Hybrid power device and method for manufacturing the same

PUBLICATION-DATE: February 20, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Ryu, Kwang-sun	Daejon		KR	
Park, Yong-joon	Daejon		KR	
Chang, Soon-ho	Daejon		KR	

US-CL-CURRENT: 429/7; 429/188, 429/61

3. Document ID: US 20010021534 A1

L11: Entry 3 of 7

File: PGPB

Sep 13, 2001

PGPUB-DOCUMENT-NUMBER: 20010021534

PGPUB-FILING-TYPE: new
 DOCUMENT-IDENTIFIER: US 20010021534 A1

TITLE: Multi-array, multi-specific electrochemiluminescence testing

PUBLICATION-DATE: September 13, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Wohlstadter, Jacob N.	Rockville	MD	US	
Wilbur, James	Rockville	MD	US	
Sigal, George	Gaithersburg	MD	US	
Martin, Mark	Rockville	MD	US	
Guo, Liang-Hong	Laurel	MD	US	
Fischer, Alan	Cambridge	MA	US	
Leland, Jon	Silver Spring	MD	US	
Billadeau, Mark A.	Mt. Airy	MD	US	

US-CL-CURRENT: 436/518; 204/400, 204/403.14, 204/456, 204/606, 205/777.5, 422/52,
422/82.08, 435/287.1, 435/287.2, 435/288.7, 435/6, 436/172, 436/524, 436/534

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KINIC](#) | [Draw Desc](#) | [Image](#)

4. Document ID: US 6207369 B1

L11: Entry 4 of 7

File: USPT

Mar 27, 2001

US-PAT-NO: 6207369

DOCUMENT-IDENTIFIER: US 6207369 B1

TITLE: Multi-array, multi-specific electrochemiluminescence testing

DATE-ISSUED: March 27, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wohlstadter; Jacob N.	Rockville	MD		
Wilbur; James	Rockville	MD		
Sigal; George	Gaithersburg	MD		
Martin; Mark	Rockville	MD		
Guo; Liang-Hong	Laurel	MD		
Fischer; Alan	Cambridge	MA		
Leland; Jon	Silver Spring	MD		
Billadeau; Mark A.	Mt. Airy	MD		

US-CL-CURRENT: 435/6; 204/400, 204/403.15, 422/50, 422/52, 422/55, 422/61,
422/82.05, 422/82.07, 422/82.08, 435/287.1, 435/287.2, 435/288.7, 435/808, 435/810,
435/968, 435/975, 436/164, 436/172, 436/518, 436/524, 436/534, 436/805

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KINIC](#) | [Draw Desc](#) | [Image](#)

5. Document ID: US 5133843 A

L11: Entry 5 of 7

File: USPT

Jul 28, 1992

US-PAT-NO: 5133843

DOCUMENT-IDENTIFIER: US 5133843 A

TITLE: Method for the recovery of metals from the membrane of electrochemical cells

DATE-ISSUED: July 28, 1992

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Eisman; Glenn A.	Midland	MI		

US-CL-CURRENT: 205/559; 134/13, 205/568, 210/638, 210/670, 423/22, 521/26, 521/27

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

6. Document ID: US 4656105 A

L11: Entry 6 of 7

File: USPT

Apr 7, 1987

US-PAT-NO: 4656105

DOCUMENT-IDENTIFIER: US 4656105 A

** See image for Certificate of Correction **

TITLE: Iodine cell

DATE-ISSUED: April 7, 1987

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kobayashi; Sadao	Yokohama			JP
Sukawa; Hiroshi	Yokohama			JP
Yamamoto; Sadaaki	Yokohama			JP

US-CL-CURRENT: 429/213; 429/232

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7. Document ID: WO 9833222 A1 TW 434931 A

L11: Entry 7 of 7

File: DWPI

Jul 30, 1998

DERWENT-ACC-NO: 1998-428225

DERWENT-WEEK: 200236

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TITLE: Porous rigid composite battery separator for a storage battery - comprising a rigid porous wettable plate with at least one face covered with a compliant layer of material

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Terms	Documents
11 same L10	7

Display Format:

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L Number	Hits	Search Text	DB	Time stamp
1	1455	(matted fiber paper) and polymeric near5 matrix and electrode	USPAT; US-PPGPUB; EPO; JPO; DERWENT	2003/06/13 13:07
7	304	((matted fiber paper) and polymeric near5 matrix and electrode) and separator	USPAT; US-PPGPUB; EPO; JPO; DERWENT	2003/06/13 13:11
13	7	((matted fiber paper) and polymeric near5 matrix and electrode) and separator and polym	USPAT; US-PPGPUB; EPO; JPO; DERWENT	2003/06/13 13:13
20	1	polymeric near5 matrix near5 electrode and matted adj fiber adj paper NEAR5 separator	USPAT; US-PPGPUB; EPO; JPO; DERWENT	2003/06/13 13:21
26	1	polymeric near5 matrix near5 electrode and matted adj fiber adj paper	USPAT; US-PPGPUB; EPO; JPO; DERWENT	2003/06/13 15:05
32	184	polymeric near5 matrix near5 electrode	USPAT; US-PPGPUB; EPO; JPO; DERWENT	2003/06/13 15:16
38	5	429/\$.cccls. and matted near10 paper	USPAT; US-PPGPUB; EPO; JPO; DERWENT	2003/06/13 17:15
44	1	429/\$.cccls. and matted near10 cellulose	USPAT; US-PPGPUB; EPO; JPO; DERWENT	2003/06/13 16:01
50	478	429/\$.cccls. and paper near5 separator	USPAT; US-PPGPUB; EPO; JPO; DERWENT	2003/06/13 16:01
56	391	429/\$.cccls. and paper near5 separator and electrode	USPAT; US-PPGPUB; EPO; JPO; DERWENT	2003/06/13 16:02
62	9	(429/\$.cccls. and paper near5 separator) and matted	USPAT; US-PPGPUB; EPO; JPO; DERWENT	2003/06/13 16:21
68	21	matted adj fib\$4 near5 paper	USPAT; US-PPGPUB; EPO; JPO; DERWENT	2003/06/13 16:34
74	2	matted adj fib\$4 near5 paper and electrode	USPAT; US-PPGPUB; EPO; JPO; DERWENT	2003/06/13 16:23
80	2	matted adj fib\$4 near5 paper and electrode	USPAT; US-PPGPUB; EPO; JPO; DERWENT	2003/06/13 16:57
86	24	matted adj fib\$4 and separator	USPAT; US-PPGPUB; EPO; JPO; DERWENT	2003/06/13 16:58
92	10	matted adj fib\$4 and separator and electrode	USPAT; US-PPGPUB; EPO; JPO; DERWENT	2003/06/13 17:00
98	7	matted adj fib\$4 and separator and electrode and paper	USPAT; US-PPGPUB; EPO; JPO; DERWENT	2003/06/13 17:00

104	3	429/\$.ccls. and matted adj fiber	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/13 17:20
110	2	429/\$.ccls. and matted adj fiber and paper	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/13 17:20
-	1	204/252.ccls. and matted near10 fiber near10 paper	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/13 11:16
-	7	204/252.ccls. and matted near10 fiber	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/13 11:09
-	117	matted near10 fiber near10 paper	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/13 11:17
-	4	matted near10 fiber near10 paper and 429/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/13 11:20
-	.0	matted near10 fiber near10 paper and 429/\$.ccls. and polymeric adj matrix	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/13 11:19
-	0	matted near10 fiber near10 paper and 429/\$.ccls. and polymer adj matrix	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/13 11:20
-	24	204/252.ccls. and fib\$5 adj mat	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/13 11:30
-	11	204/252.ccls. and fib\$5 adj mat and paper	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/13 11:46
-	57	204/\$.ccls. and fibrous adj mat	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/13 11:47
-	10	204/\$.ccls. and fibrous adj mat and 204/295.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/13 11:47
-	13	204/\$.ccls. and fibrous adj mat and 204/296.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/13 11:48
-	3	204/\$.ccls. and fibrous adj mat and 204/296.ccls. and paper	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/13 11:52
-	5	fibrous NEAR matted NEAR paper	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/13 11:59
-	2	fibrous NEAR matted NEAR paper and electrode	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/13 12:01
-	0	fibrous NEAR5 matted NEAR5 paper and 204/295.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/13 12:02
-	0	fibrous NEAR10 matted NEAR10 paper and 204/295.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/13 12:02

-	40	fibrous NEAR10 matted NEAR10 paper	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/13 12:02
-	4	fibrous NEAR10 matted NEAR10 paper and poly\$5 near10 matrix	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/13 12:56
-	63	204/282.ccls. and paper	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/13 12:59
-	1	204/282.ccls. and paper and matted	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/13 13:03